

Conceptual Models for Restoration of Lower Yuba River Anadromous Fish Populations

Wednesday July 21, 2004

Implementation Plan Overview

- Implementation Plan is a product of the Lower Yuba River Fisheries Technical Working Group
- Co-funded by:
 - CALFED
 - Yuba County Water Agency
- The purpose of the Implementation Plan is to direct the near-term implementation of prioritized lower Yuba River anadromous fish habitat restoration/enhancement actions and studies
 - Local-level
 - Multi-agency, consensus-based approach

Key Objectives of the Implementation Plan

- Produce physical and biological conceptual models for the lower Yuba River and its anadromous fish resources to facilitate identification of stressors that may limit production of anadromous fish
- Guide the evaluation, refinement, prioritization, and implementation of lower Yuba River restoration actions based on conceptual models

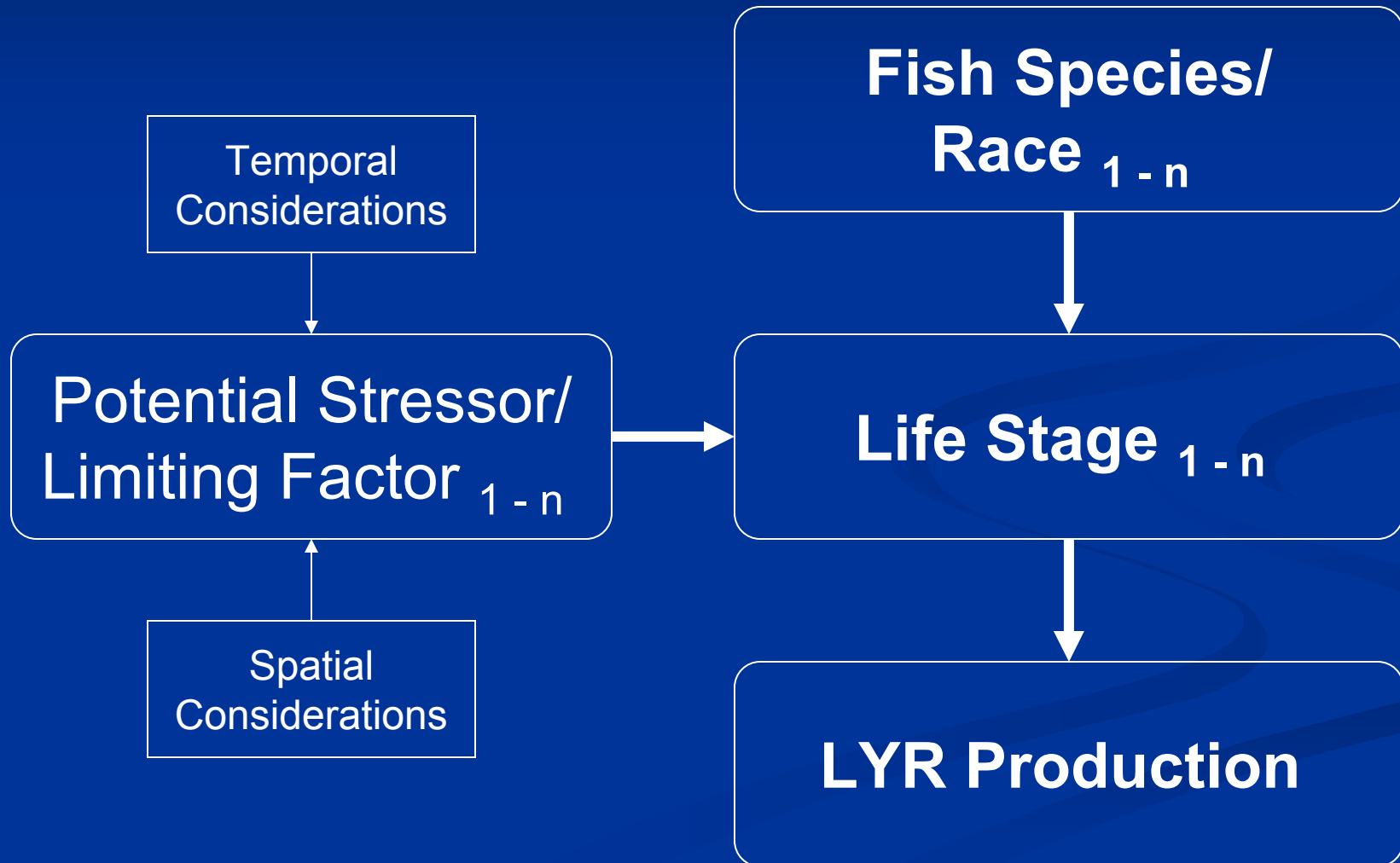
Anadromous Fish Addressed by Conceptual Models

- Applies to anadromous fish species/races of primary management concern:
 - Chinook Salmon
 - Fall-run
 - Spring-run
 - Steelhead
 - Green Sturgeon
 - American Shad
 - Striped Bass

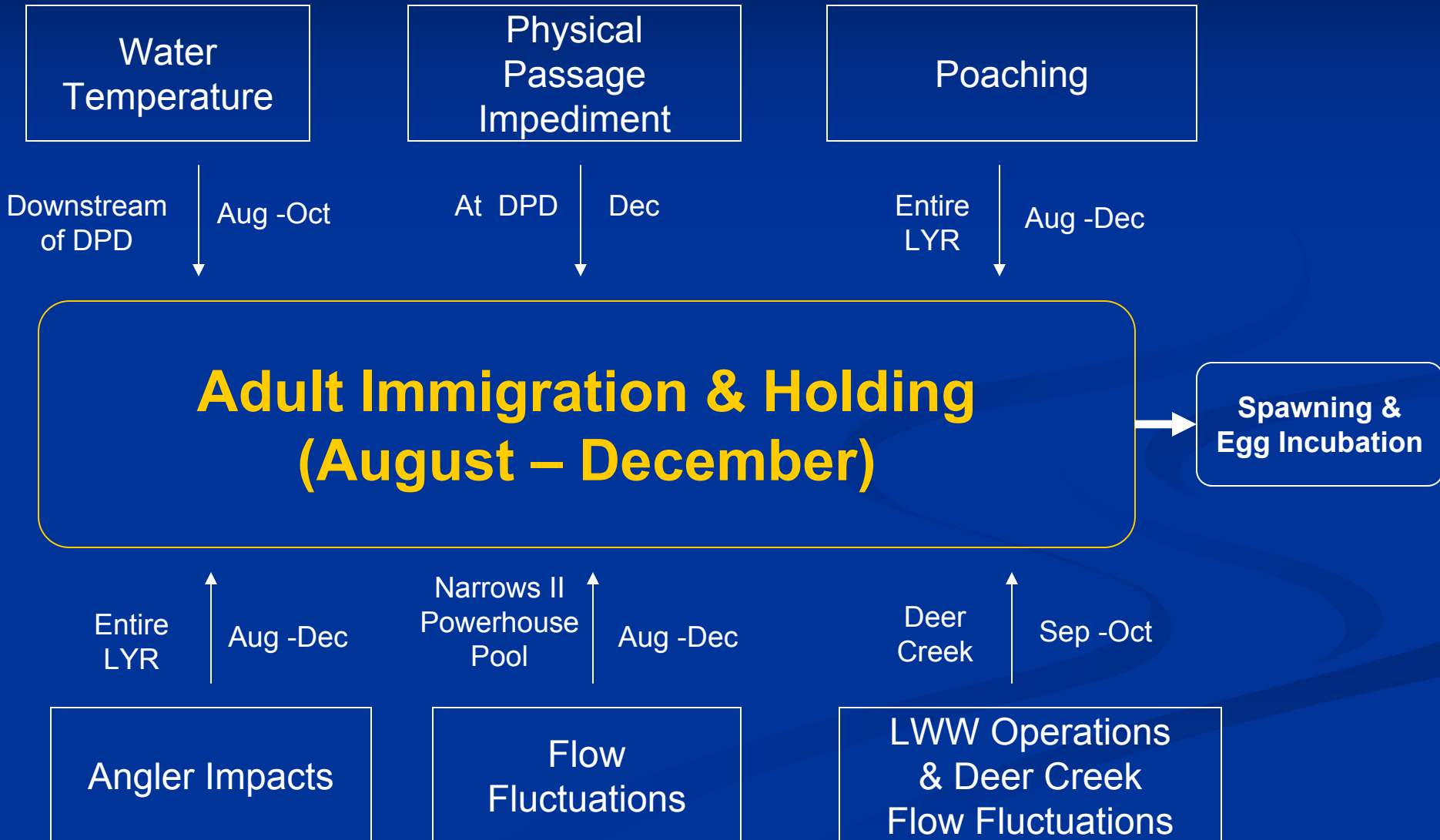
Key Points

- Applies only to the lower Yuba River from the Feather River confluence to Englebright Dam
- Actually a series of conceptual models pertaining to the primary stressors potentially affecting various life stages of individual fish species/races
 - Spatial component
 - Temporal component

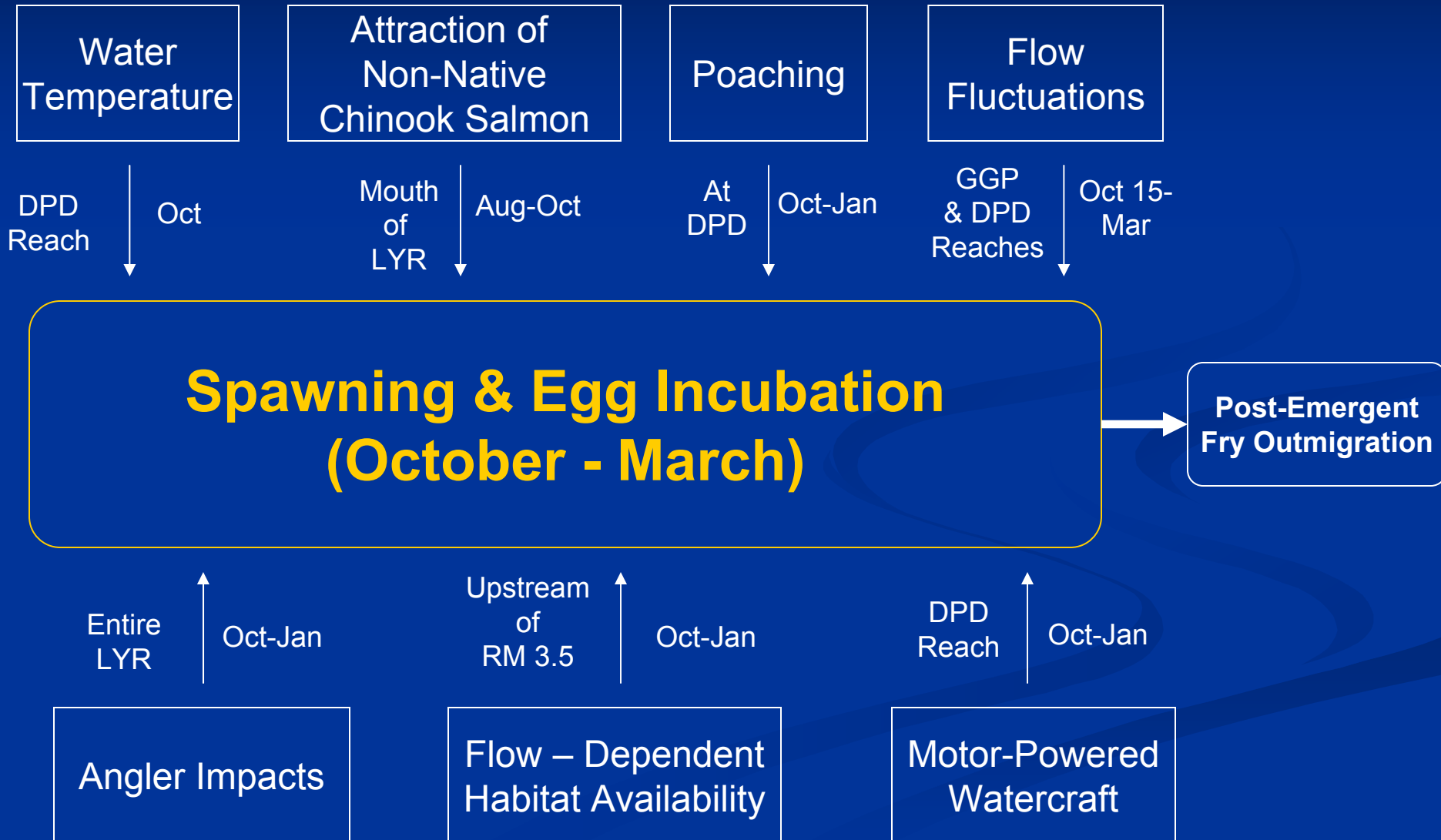
Overview of Conceptual Models



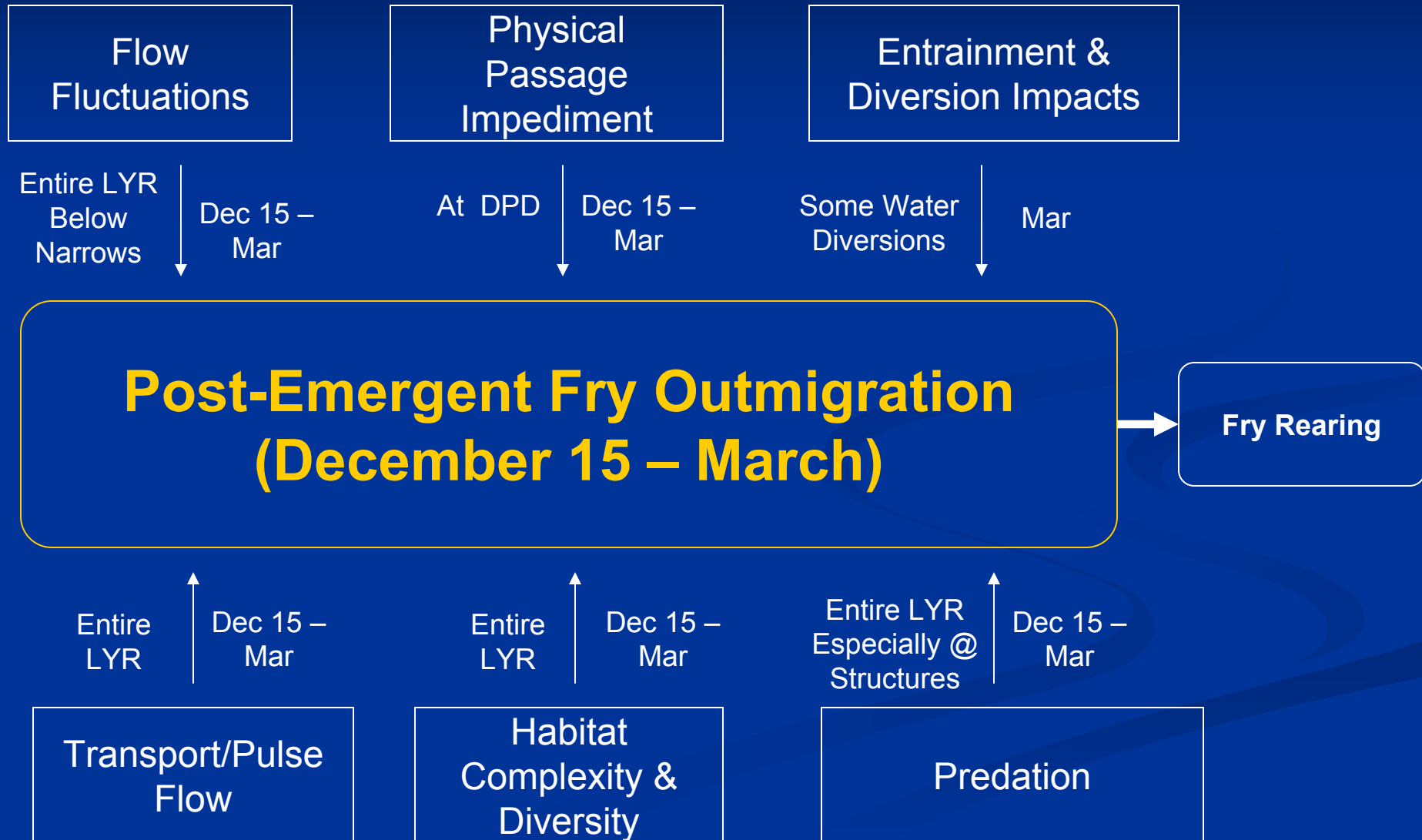
Fall-run Chinook Salmon



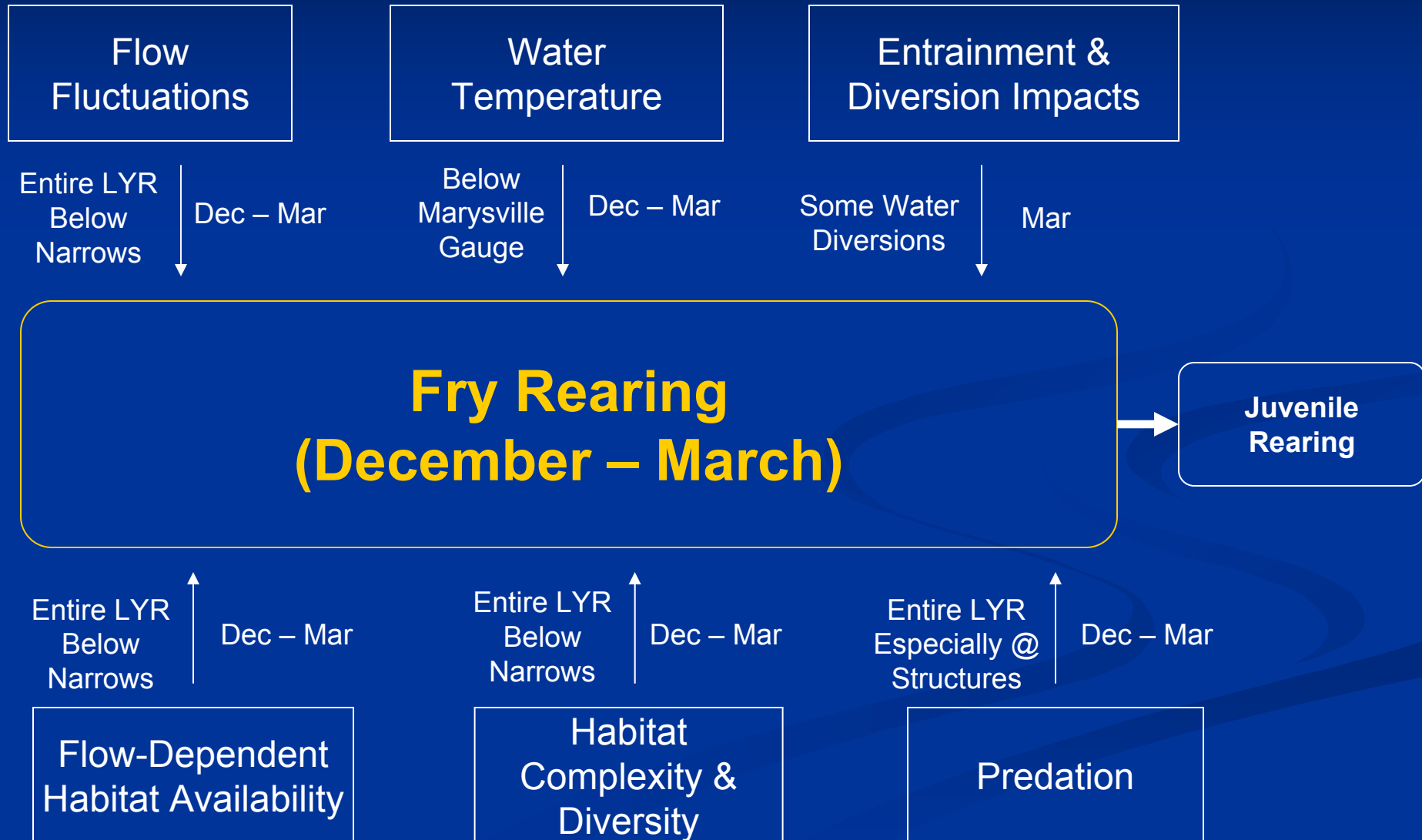
Fall-run Chinook Salmon



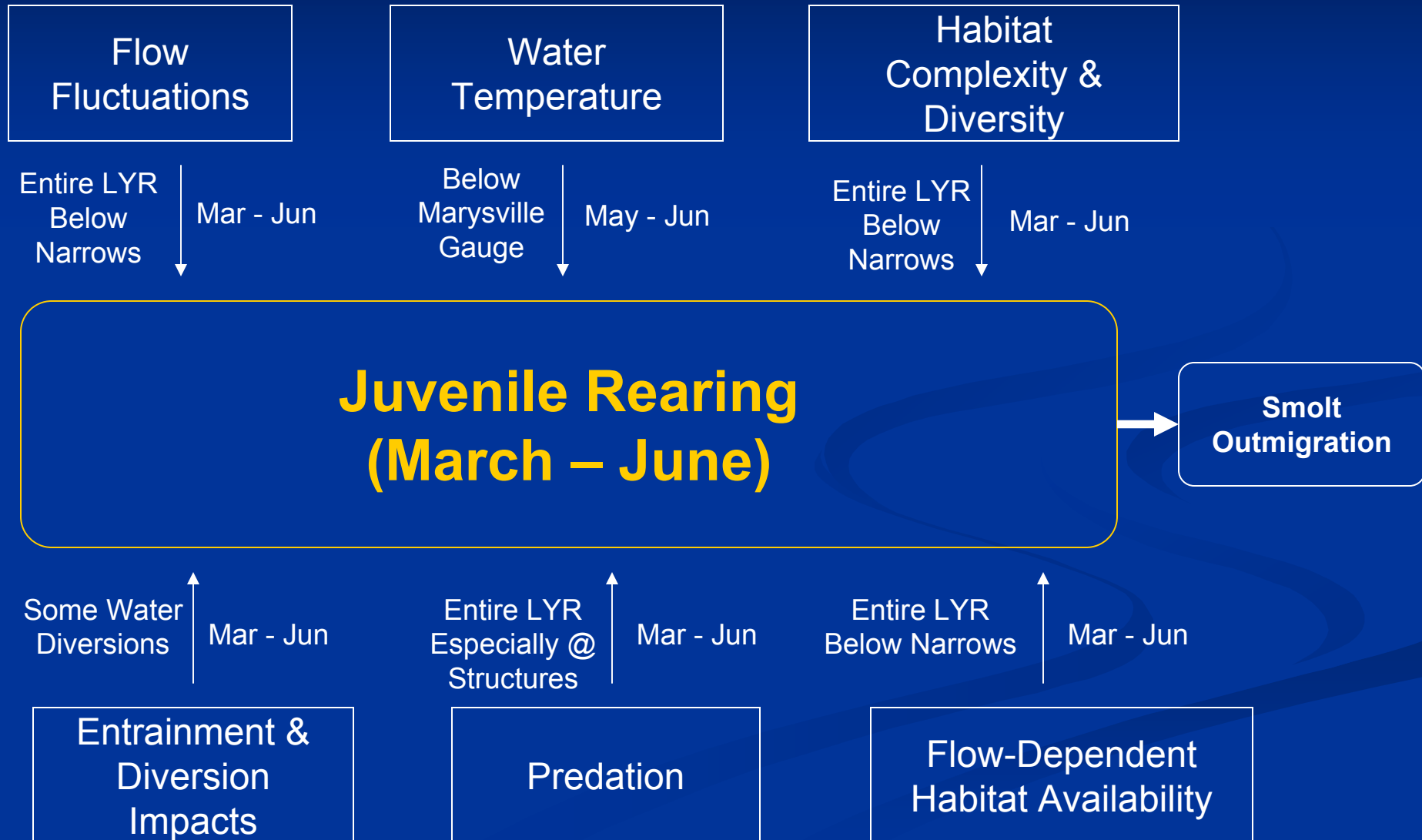
Fall-run Chinook Salmon



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